MagnetGold

WHITE PAPER V1.0

Magnet Gold

The defi power in your hand

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Preface

It was observed that cryptocurrencies are weaving their magic all around the world. Thus by assessing such a phenomenon, **Magnet**Gold Token came up with the motive to introduce this currency to everyone. The core founders of **Magnet**Gold Token and its team believe that we can do a lot in digital currency in comparison to what we are doing today. It is a pathway for making this genre more attractive for the local business as well as to common people and along with this, we are focused on achieving heights of success in the world of crypto currencies. This sector has immense potential to transform the way of doing business, across the world. The latest relevant technologies make it more user-centric. We have major goals for this sector and with the help of **Magnet**Gold Token, we want to take this virtual currency to every corner of the world, so that everyone starts using it and accepting it.

Introduction

MagnetGold is a new revolution in the crypto world. MagnetGold is a Decentralized crypto currency on the world's biggest platform Binance Smart Chain (BEP-20) created on the 22nd of August 2021. MagnetGold is created by "Longreen Corporation Limited OÜ". MagnetGold is Using World's Best Secure Technology. The technology lying behind MTG currency is a great benefit to those fighting the climate crisis and helps bring about a more sustainable global economy. MTG Coins possess Dedicated Blockchain, Scalable consensus algorithms, minimal utilization of electricity, worldwide acceptance. A totally transparent development process offers users an opportunity to look through the history of all transactions.MTG Have Large and Strong Experienced Management, Technical and Marketing Team.

What is needed is an electronic payment system based on cryptographic proof instead of trust, allowing any two willing parties to transact directly with each other without the need for a trusted third party. Transactions that are computationally impractical to reverse would protect sellers from fraud, and routine escrow mechanisms could easily be implemented to protect buyers. In this paper, we propose a solution to the double-spending problem using a peer-to-peer distributed timestamp server to generate computational proof of the chronological order of transactions.

The system is secure as long as honest nodes collectively control more CPU power than any cooperating group of attacker nodes.

We have built our MagnetGold (MTG) Token because we strongly believe that it will represent the heart of the ecosystem for a new category of investors, companies seeking to grow their capital, investment funds,

venture capital, families, offices, traders and so on.

We will create all this, by closely introducing and presenting companies that will issue the new stocks, called security tokens, and their values to our community, at an early stage, creating inclusion and proximity, with the goal to match them with a brand-new category of the financial world that we will shape.

We aim at redefining the connection between people and finance through Blockchain Technology, and starting of MagnetGold is just the beginning of a long journey.

MagnetGold Mission & Vision Statement

MagnetGOLD's major mission is to make Crypto Currency accessible and beneficial to everyone in all situations. We know about many challenges in cryptocurrency at present time, such as - Lack of Adoption, Skill Gap, Trust Among Users, Financial Rescores, Usability, Security, Low Scalability and Public Perception. MagnetGold works for the solutions of present challenges in the cryptocurrency industry. MagnetGold will supply you with a slew of new features that will make it a game-changer in the cryptocurrency market. People will start utilizing MTG TOKEN for a variety of things and varieties of business, which will surprise everyone with the progress of MAGNETGold. Through our whitepaper we also explained the benefits of both consumers and business owners.

MISSION & VISION

Directors' Responsibility Statement

The Directors/Team of Magnet**Gold** have issued this White Paper and have taken all reasonable care to ensure that the facts stated in this document are true and accurate in all material respects, and that there are no other facts the omission of which would make misleading any statement in the document, whether of facts or of opinion. The Directors accept responsibility accordingly.

Board of Directors

Purpose, Power & Strength That Moon
MagnetGold

MagnetGold (MTG) is the latest crypto token to enter the ever-changing world of cryptocurrencies. It has been developed with the latest advanced technology and that provides it with additional layers of security and stability. MTG coin has the advantageous aspects of a cryptocurrency and its long list of benefits makes it a far better and stable cryptocurrency, in comparison to its competitors.

MagnetGold (MTG) is being created to make this world more developed and prosper by using Blockchain Technology. This token is being created with the purpose of supporting many things not just one thing. In future MTG also supports many other concepts for the purpose of more prosperity of the world. MagnetGold is a Decentralized cryptocurrency on the world's biggest platform Binance Smart Chain (BEP-20). BEP-20 is a Binance Smart Chain token standard that extends ERC-20, the most widely used Ethereum token standard. It functions as a blueprint for tokens, defining how people can use them, who may spend them, and other use constraints. It is interoperable with both Binance Chain-powered BEP-2 and Ethereum-enabled ERC-20 due to its similarities. By using the best of blockchain technology MagnetGold is going to support: Expertise & Funding Support to Startups, For Green Energy.

In Agro/Organic Agriculture, New Revolution In E-commerce For Merchant or Community, Establishing A World Class Crypto Exchange, Spreading Awareness & Education About Crypto, Real Estate.

MagnetGold provides a standardized, stable and safe development environment for smart contracts, enabling business-friendly smart contract coding, deploying and executing. **Decentralized, Safe and Secured With Advance Technology, Sustainability -** The technology lying behind MTG currency is a great benefit to those fighting the climate crisis, and help bring about a more sustainable global economy.

Scalability

MTG Token possess the following comprehensive features: Dedicated Blockchain, Scalable consensus algorithms, Minimal utilization of electricity, Worldwide acceptance.

Whale Shock

No Wallet Holds More Than 1% of Token Supply, this may control the instability of the price of the token.

Fully Transparency

A Totally Transparent Development Process Offers Users An Opportunity To Look Through The History of All Transactions.

Business Profit Using For Liquidity

30% of All Business Profit Generated from MTG's Fund Will Be Use for Liquidity.

Our Strong Team

MTG Have Large and Strong Experienced Management, Technical and Marketing Team.

Our Token Features Include

* High-Level Blockchain Security

* 5% of Profit Reserved for Social Works

* Smart Fintech

* Cost-Effective

* Affordable

* Less Human Involvement and Errors

* Proof of Transaction

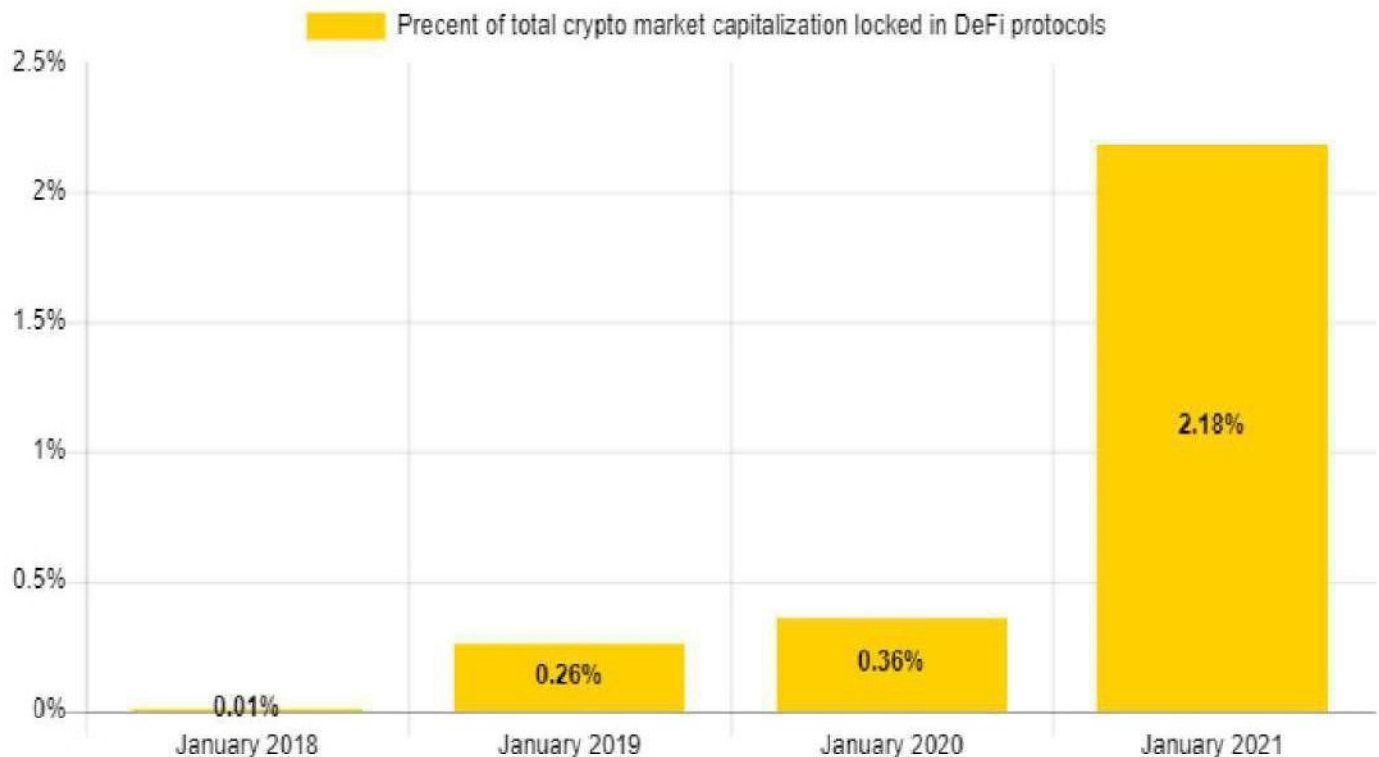* Instant Transfer

* Smart Contracts

DeFi Growth and Opportunities

DeFi platforms including decentralized exchanges (DEXs), yield farms, open lending protocols, decentralized insurance markets, liquidity aggregators, and more are rapidly becoming the default use-case for many cryptocurrencies. Indeed, the total value locked (TVL) across DeFi protocols has witnessed parabolic growth since 2017, climbing from $48 million in January 2018 to $660 million in January 2020, before reaching a peak of almost $90 billion in May 2021.

The relative proportion of all cryptocurrencies managed by DeFi smart contracts has also been on the rise across this period:

The trend is clear, DeFi is rapidly gaining popularity among cryptocurrency holders.

Precent of total crypto market capitalization locked in DeFi protocols

Date	Percent
January 2018	0.01%
January 2019	0.26%
January 2020	0.36%
January 2021	2.18%

Techno**logy**

MagnetGold is a BEP-20 token on the Ethereum blockchain issued by Binance Smart Chain. A BEP-20 token is an Ethereum smart contract that follows a standard protocol for representing custom tokens on the blockchain. Specifically, the contract must declare basic token characteristics (name, symbol, decimal precision), track the total number of tokens, track a token balance for each Ethereum address, and permit address owners to transfer portions of their balance to other addresses.

Because MTG follows the standard BEP-20 protocol, many Ethereum-supporting exchanges and wallet applications already have built-in support for viewing and transferring MagnetGold.

BEP-20 is a token standard on Binance Smart Chain that extends ERC-20, the most common Ethereum token standard. You can think of it as a blueprint for tokens that defines how they can be spent, who can spend them, and other rules for their usage. Due to its similarity to Binance Chain's BEP-2 and Ethereum's ERC-20, it's compatible with both.

BEP-20 was conceived as a technical specification for Binance Smart Chain, with the goal of providing a flexible format for developers to launch a range of different tokens. These could represent anything from shares in a business to dollars stored in a bank vault (i.e., a stablecoin).

Of course, one could equally create a native asset as a BEP-20 token, or even peg tokens from other blockchains to make them usable on Binance Smart Chain. This is what's done with "Peggy" coins, which are essentially BEP-20 versions of other crypto assets (such as LINK or XRP). Like BEP-2 tokens on Binance Chain, BEP-20 token transfers are fuelled with BNB. This provides an

incentive for validators to include the transactions in the blockchain, as they'll collect the BNB as a fee for their troubles. You may know that Binance Smart Chain was envisioned as something of an extension to Binance Chain. With dual chain architecture, both chains are complementary – Binance Smart Chain caters to decentralized applications without congesting the original chain, which is optimized for ultra-fast trading. Because of this architecture, heavy emphasis was placed on cross-chain compatibility. For that reason, BEP-2 tokens can be swapped for their BEP-20 equivalent. The easiest way to do so is perhaps via the Binance Chain Wallet extension, though more methods will undoubtedly emerge over time.

For a more detailed look at the BEP-20 standard, be sure to check out the draft proposal on GitHub.

MagnetGold is only available on BEP-20 today, but it may also be launched on other chains in the future if there are compelling benefits. Our contract address is:

https://bscscan.com/address/0x68d10dfe87a838d63bbef6c9a0d0b44beb799dc1

MagnetGold may also reallocate MTG tokens to different bars from time to time in order to take into account transfers of tokens, new exchanges of tokens, conversions and other MagnetGold transactional activity.

Security

MagnetGold Ventures is partnering with accredited companies to implement best practices for all security and regulatory processes. A leading smart contract auditor has been appointed to ensure the code governing the MagnetGold (MTG) token is free of bugs and works as intended.

Treasury and future allocated tokens will be stored with a trusted and insured third party. This will provide oversight for token distribution, and ensure secure storage for all tokens and capital.

Transparency

MagnetGold will provide Fully Transparency

A Totally Transparent Development Process Offers Users An Opportunity To Look Through The History of All Transactions.

A final question when discussing the science and engineering of developing a cryptocurrency is how to address transparency. Design decisions are not Boolean and ethereal, coming to developers in dreams and then suddenly becoming canon.

They are derived from experience, debate and lessons learned from earlier mistakes. The challenge is that a totally transparent development process could influence discussion to become more theatrical than evidence based. Egos, attempts to win over a community, and fear of sounding stupid could force conversations to become sterile and counterproductive. Furthermore, outsiders could attempt to co-opt the conversation in an effort to force their

particular tangent to become the only relevant topic. Everyone has a sacred cow. So how does one balance the need for a transparent development process, which is owed to the community that has entrusted progress to a set of core developers, with the need for freedom of expression without fear? With MagnetGold, we have decided to embrace a standards driven process with directed oversight.

The community needs to know that the science and the code are well thought out, checked and actually solve the things that developers claim they do. To this end, peer review should completely satisfy the science component as it has been designed specifically for this purpose and has given us the modern world.

With Above Purpose, Power, Strength and Business Model of MagnetGold it seems possible that MagnetGold will create a specific space in cryptocurrency world which cause strong base and mooning in price of

.

Business Modules Overview & Solution

MagnetGold offer a public decentralized and secure way to perform self-executing transactions, along with in globally accessible smart contract. Whatever you can do with cash, you can now do with digital currencies. This token is being created with the purpose of supporting many things not just one thing. In future MTG also supports many other concepts for the purpose of more prosperity of the world. For making a better and prosperous world we are using blockchain technology in many ventures, it gives MagnetGold a new sky of success and profit. In essence MagnetGold Coin going to help many sectors as given below:

A. MagnetGold Provides Expertise & Funding Support to Startups

Challenge #1: Money

This is the first big challenge faced by startups. Except if you're surprisingly fortunate and the incomes are straight away into your bank, this might not seem like an issue, but if not then you need to deal with it.

What's more, when income issues hit a startup, they can hit hard, dodging significant advancement like turning out items, enlisting key staff, or fitting new workplaces. You'll require cash to flow and support activities like programming or product development, office space, promotion, and that's only the tip of the iceberg. The greater part of your success will spill out from the initial venture.

Challenge #2: Lack of planning

It's amazing how many startups falter because they "forgot" to plan. Or maybe they really did plan, but they just didn't cover all the bases. Key areas like sales, development, staffing, skills shortage and funding aren't afterthoughts. They should all be a part of your business plan right from the beginning. Not only that, but you need to plan for the things you can't plan for, too. That is, even if you can't prepare for every eventuality, you need to know what you're going to do when (not if) events take an unexpected turn. If your business plan is all optimistic and fails to allow for surprises, then you're heading for big trouble. As the saying goes, "if you fail to prepare, prepare to fail." So don't leave the details to later.

Challenge #3: Finding the right people

Certain skills are crucial not only for your business to survive, but also for it to grow. Knowing the exact skills you need — and how to get those essential people on board — might be the determining factor in how well your startup thrives. Delays in finding the right personnel are costly. For a small team, the recruitment process eats up valuable time that could be spent on other areas of the business, but on the other hand, not having the right people can create severe bottlenecks and stall the rollout of new products and services. These are hold ups that no startup can afford, especially in the early days. And, as your company grows, you might find yourself facing another tricky personnel problem: realizing that you've hired the wrong people. (Or the right people in the wrong roles.) These kinds of uncomfortable truths can be revealed when a startup expands and the cracks suddenly appear magnified.

That's why it's so important to make it a priority to layout your hiring strategy right at the start. Then, when you're clear about what you're looking for, strategize key hires and think carefully about each role fits in with the goals you want to achieve.

Challenge #4: Scaling up

So your products or services are experiencing phenomenal growth — lucky you! But now you're finding yourself with a whole new set of headaches as you try to scale to match this increased demand. It's not just a question of adding a few extra employees. As we learned from Challenge #4, you need to be strategic and prioritize the roles that will have the most impact — and they're not always the ones you think. Maybe you need to hire more HR staff (since you suddenly have a lot more staff), or maybe you need to focus on building out functions like administration, payroll, or support. You may also need a larger office space to deal with your increased staff numbers (and if you haven't budgeted for that, you're going to need to come up with an alternative real fast if you want to avoid stacking your employees like Lego). Or maybe you need to set up offices in other cities or abroad, so you can better support your key customer base. Such is the price of success. If you have a plan and the cash to fund all this, great. If not, then prepare for a painful process.

Solutions for Startups

Role of Cryptocurrency in Startup-Investment

Where you have cryptocurrency, you also have blockchain technology. Blockchain technology is just one of many examples of how startups are using artificial intelligence (Ai) these days. This is the power behind cryptocurrency's that you may want to offer or accept as payment in your business. However, blockchain technology can be used in many ways other than cryptocurrency.

Since this technology is still relatively new, it's only reasonable that startups would be the ones to use it most innovatively and effectively. Here are a few ideas on how to enhance your startup business with blockchain technology. Using Blockchain Outside of Finance Many companies think that they can't use blockchain technology, other than in the financial sector. However, this isn't true. Blockchain can help in several kinds of industry- Banking, Healthcare, Real Estate, Legal Industry, Security, Government, Rentals and Ride Sharing, Charities and Aid Organization, Education.

We will Launch App for The Help of Startups

Enhancing Business Processes

While blockchain could be an efficient business function in itself, it could also immensely improve business processes. Sure, you have a smart and profitable business system in place, but there's always room for expansion and enhancement. With blockchain, you can solve more problems and

challenges for your customers and gain a competitive edge over market leaders. These advantages may be brought about with more perfect and efficient accounting systems, eliminating the middleman, or seamless sharing of data.

Increasing Online Security

Small companies are a more vulnerable target for hackers, scammers, and fraudsters, so you want to watch out! You must have a high level of cybersecurity if you're going to conduct and expand your business in peace.

Data breaches have more than doubled in the past few years, in May alone, there were over 17 million. In the current decade, such issues are only expected to increase. Even major companies such as HBO, Netflix, and Instagram have experienced severe hacks that have affected several million people.

Blockchain technology can come to the rescue of cybersecurity. This is because there's a chance to track events, share data safely, and improve security sensors. Since personal data is most at risk, blockchain technology provides effective encryption that could keep our precious **startups** safe and sound.

Increasing Capital

It may be hard to believe, but blockchain technology could help you to fund your startup and achieve your dreams! Both outside and within the United States, entrepreneurs don't have much access to modern financing, effective fundraising, or other instruments that could help them launch their business properly.

These issues are only made worse by the fact that business loans and business credit cards are not always optimal for small businesses. If not issued by a sincere authority, such crutches could slap a startup with several incremental fees, minimum deposit restrictions, and other burdens. Such hurdles wouldn't get a startup very far. These situations would discourage **startups** from cropping up at all since the chances of failure become so high.

Blockchain technology serves to enhance the lending mechanisms that are less than stellar options for **startups** all over the world. It provides a platform for global investors to support the company of their choice, no matter what their respective locations may be. As a result, entrepreneurs from all corners of the globe would be able to ask for **funding** and ideally receive it if their idea is good enough. This would provide a more same market, at least as far as initial capital is concerned. The investments could further be sent to deserving organizations without being depleted by international fees, fluctuating exchange rates, and the like.

Making Fundraising Quicker

Fundraising is one of the most crucial business goals for cash-strapped **startups**, but also one of the hardest. Getting investors to take you seriously isn't easy, especially when up to 90% of **startups** fail.

Startups may be excellent for the economy in general, but they do have the issue of limited funds, slowing them down. Startups can gain access to a decent amount of capital when implementing blockchain technology. With this technological advancement, it makes it easier, cheaper, and quicker for companies to raise the funds they need. If you're reading this,

you probably have your startup or are thinking of starting one very soon. In any case, you would know that it takes a lot of time, effort, and attention to shape a startup into something worthy of gaining a proper share of the market. However, you wouldn't be able to devote enough time to your business if you're continuously occupied with raising funds to get essential functions up and running. Blockchain technology has the potential to set you free from such distractions. You don't have to invest a massive amount of time in chasing down angel investors, venture capitalists, or other means of finance. Plus, you don't have to steel yourself for the drawbacks that come with such investments.

With the implementation of blockchain and cryptocurrency, you get time to focus on your core business and remain in control of it as well. You need to move quickly to make it in the business world. Since blockchain is a self-verifying process, you can get your **funding** within minutes if you gain the right connections. This would reduce friction, red tape, and a lot of obstacles that could slow down the fundraising process.

If you are not familiar with a **digital currency** that revolutionized the whole business today, then we'll help you into this by describing cryptocurrency in simpler words; "It is a digital asset that is designed to work as a medium of exchange that particularly used cryptographic functions as a whole in order to secure financial transactions".

When you decide to make a new startup then you should have to get into cryptocurrency where they only think about their personal financial goals and risks related to cryptocurrency market price. Also, you have to figure out which type of wallet you should use in startup investment.

.In short, the business has a lot of stakes as millions of people are involved so the investment fails the entire business for doing a single mistake. The following points are important for good crypto startup investment.

1. Using Cryptocurrency for any transaction.

2. Use a crypto or blockchain platform.

3. Join a well-known Consortium or Project.

4. Develop a product of Cryptocurrency.

5. Launch new Token or Raise Capital through ICO.

1) Using Cryptocurrency For Any Transaction

Today, accepting payments in cryptocurrencies are the most obvious use cases for any business or startup investment that aware of all crypto prices. This new technology converts these payments into traditional currency in order to avoid the price volatility of cryptocurrency. Businesses now pay their workers in cryptocurrency are Most importantly, many employees who always use cryptocurrency more likely to get paid in Bitcoin.

2) Develop a Product of Cryptocurrency

Startup business with lots of extra funds tends to invest in growth that also has the opportunity to develop a good cryptocurrency product. Every financial advisor or fund manager learned about the concepts of cryptocurrency in startup investment. Also, they offer its clients new crypto-based investment products

3) Launch New Token or Raise Capital Through ICO

Nowadays, Initial Coin Offerings ICOs are known as the alternative to crowdfunding or equity fundraising through using a venture capitalist. At the same time, companies tend to develop new markets and encourage investment by using crypto-based investment plans. ICOs offers a simpler way for every company to create their currencies, which can be used for their products and services.

Ways through which Cryptocurrency would help new entrepreneurs

Cryptocurrency nowadays revolutionized the whole way in which we transact every value, invest in our savings and raise capital with its advanced decentralized digital cash system. So, now we are going to discuss some way through which cryptocurrency would help new entrepreneurs to make impressive startup plans.

❖ Cryptocurrency causes how different companies raise their capital. With ICOs, startups around every world can

- raise money quickly and cheaply from the wide pool of whole global investors.

- Cryptocurrency enables startup plans and enables investors to transact value among peers without any involvement of centralized authority. It gives faster and cheaper alternatives to traditional payment networks.

B. MagnetGold Provide Supports For Green Energy

Challenges Faced For Green Energy Sector

Every year, renewable energy technology becomes better, cheaper, and easier to access. Yet, renewable sources are only responsible for 20% of our global energy consumption. There are challenges for renewable energy introduction to our daily use.

Thankfully, we can identify these challenges. This is the first step towards the innovation needed to take renewable energy from a subject of wonder to a norm in every home.

Many people imagine that there is an energy shortage on our planet. But the sun that fuels our earth provides much more energy than we could ever need. And that's one source. Renewable energy sources also include wind, hydropower, geothermal, biomass, and more. We need only to harness these resources to meet all our needs.

Technologies for renewable energy are trending upwards. A range of new and disruptive developments and inventions in the green energy industry means that it is rapidly transforming our energy supply systems around the globe.

Challenges for Renewable Energy

1. Energy Storage

The first challenge to consider is the issue surrounding efficient, affordable and reliable energy storage. Historically, one of the major problems with renewable energy generation is that supplies are far more variable than other means of energy generation.

Fluctuations in sunlight levels and wind mean that supplies are less consistent than those derived from fossil fuels. Owners, therefore, require batteries to store energy for later. And to even out discrepancies in the energy supply. We have made amazing strides in this arena in recent years. Advancements in battery technologies have brought prices down significantly. Energy storage has become less of an issue as batteries have improved and battery prices have come down.

However, there is progress ahead of us. Further innovations and roll-out of existing technologies over the near future will surely continue to tackle this challenge moving forward. But the sustainability challenges remain – and there are questions to ask surrounding the environmental costs of technology; mining the precious metals and rare earth minerals that battery technologies require.

2. Economic And Financial Challenges

Perhaps one of the biggest challenges faced by the renewable energy sector is economics. Specifically, the financial issues involved in bringing renewable technologies and renewable energy to the masses. New business forces are dramatically increasing investment in the sector. Yet the transition away from carbon is a massive shift, and like any major shift, comes with a huge financial cost.

Investment in renewables has resulted in a surge of innovation and emerging technologies over the last few years. But economic pressures do still stifle innovation. And a lack of financial backing from large organizations and governments unwilling to change as quickly as required can often slow the progress we need to see. Sometimes alternatives are sought, such as crowdfunding renewable energy whereby startups and even more mature companies are turning to a volume of smaller investors to get projects off the ground.

3. Infrastructure Challenges

Wholesale, widespread use of renewables to meet the energy demand is essential. But the transition will be harder to achieve due to the lack of reliable large scale energy grids in several developed nations. In the Western world, there is a huge and troubling infrastructure gap. Like other forms of infrastructure, energy infrastructure is, in many regions,

shockingly underfunded, poorly maintained, and insufficiently stable or resilient to meet the demands of the future. As the requirement for renewable energy continues to grow – due to growing domestic use, increased electric vehicle uptake, and industrial transition – the insufficiency of many electric grid systems will become ever more apparent.

4. Industry The Next Frontier for Renewable Energy

The problem in decarbonizing the industry is that energy transition pathways are not yet clearly defined. Things are changing – fast. Air pollution and environmental pollution in various forms continue to degrade our ecosystems. We strain our land and resources as never before. The industrial sector is an economic powerhouse on a global scale, and yet also a major contributor to greenhouse gas emissions. The decarbonisation of the industrial sector is crucial to meeting the targets of the Paris Climate Agreement and limiting global warming to no more than 2 degrees C. above the pre-industrial temperature.

Manufacturers have scaled up solar photovoltaic modules and other renewable energy technologies, thereby reducing their costs in recent years. Industry, by comparison, lags far behind. Less innovation and cost reduction have taken place in this arena, and so the path forward is far less clear.

5. Technical Challenges

Yet this is not the only challenge posed by industry decarbonization. Technical reasons also make it more difficult to reduce CO_2 emissions within this arena. We cannot alter 45% of emissions from feedstocks by a change in fuels, only by changes to processes.

Using alternative fuels such as zero-carbon electricity to generate the high temperatures required for the processes in the target sectors would be difficult. It would need significant changes made to the furnace design.

Industrial processes are highly integrated and so any change to one part of the process would have a knock-on effect and require further changes. Since production facilities have long lifetimes, changing processes would require extensive (and costly) rebuilds or retrofits. Energy is central to industry decarburization. Completely decarburizing the industrial processes in the main industrial sectors will, of course, have a major impact on the energy system.

Research by McKinsey estimates that it would require around 25-55 EJ per year of low-cost, zero-carbon electricity. At present, in a business-as-usual world, industry only needs 6 EJ per year. It is clear that decarburization would lead to a significant increase in electricity requirements. A collaborative approach from the public and private sectors is what resulted in the progress, cost reduction and scale-up in renewable power generation. We now require the same thing for industrial decarburization. The energy transition and industry decarburization must go hand in hand. It is also clear that this will be one of the major challenges for the renewable energy sector moving forwards.

Public Perception

Economic realities further add to the challenge of the decarburizing industry. Cement, steel, ammonia and ethylene (the industrial products that account for the majority of carbon emissions) are commodity products, and the cost is a decisive consideration in purchasing decisions. There is not currently a willingness to pay more for sustainable products, and so companies who decarbonize will be the ones who have to foot the bill, finding themselves at an economic disadvantage.

This brings up the last of these major challenges for the renewable energy sector: public perception. Public willingness not only to intellectually agree with but to financially support the energy transition is crucial

Support for Green Energy

With these challenges for renewable energy in mind, it may seem difficult to foresee a future with clean energy. However, it is possible if we all take a collaborative approach. Countries like Iceland and Paraguay are already at 100% renewable. We can replicate these results globally. It is only through a concerted effort, not only from politicians and businesses but also from individuals and communities, that we can find a pathway through the energy transition.

Blockchain Is the Next Big Thing for Renewable Energy

Blockchain could be the future of renewable energy and the next chapter in smart technology, as the online platform is helping develop consumer-driven power generation. The technology is providing a new level of sophistication to our energy supplies which have previously been reliant on highly centralized systems. The potential opportunities are endless, and by increasing efficiency blockchain could also allow for a substantial reduction of carbon emissions. Blockchain is here and is revolutionizing the electricity market. This technology is an **efficient way of allocating generation assets to a specific point of consumption**, and can even be used to establish a hierarchy of priorities when it comes to sources of ori

This allows renewable energy certification processes to be sped up and automated, as there is a greater degree of traceability. This aspect is crucial in the case of long-term Power Purchase Agreements (PPAs) based on renewable assets, as these agreements specify the need to **certify that the energy supplied is from 100 % green sources.** These agreements play a fundamental role today, because they promote renewable energy growth by encouraging large corporations to purchase this type of energy.

Blockchain also **guarantees the transparency and security of the transaction**, which remains permanently recorded in the platform, allowing all parties to audit the results. This technology also makes it possible to work under smart contracts which are performed automatically when both parties fulfil the agreed terms, thereby cutting out intermediaries and simplifying the process. This reduces costs and increases privacy.

To put it simply blockchain is a list of records that securely stores information. It uses virtual technology to decentralize information by documenting it across a network of computers - no central entity runs the system, but many people can use it. Blockchain uses a form of data logging to ensure that the information cannot be changed or corrupted by anyone else. MTG offers a revolutionary renewable energy marketplace, based on smart contracts and energy tokenization technology that allows

Energy Buyers to contract directly with renewable energy projects. The Platform enables Project Owners to run auctions where they sell part of their energy production. During the auction, Buyers place bids – specifying their desired volume and price. Successful Buyers are issued

with a digital currency that encapsulates the price and volume achieved at the conclusion of the auction. A settlement between the Project Owners and the Energy Buyers will take place on a monthly basis per the terms of the PPA. Other than the key auction variables of product, volume, price, and term, the MTG is a fixed document that is not subject to change for specific auctions. Energy Buyers and Project Owners can download and review the terms of the PPA prior to joining the Platform and decide whether they can accept the terms and therefore participate in an auction, or not. Standardization of the MTG means that it only needs to be reviewed once, reducing the overall transaction costs and simplifying the regular use of the Platform by Buyers and Owners.

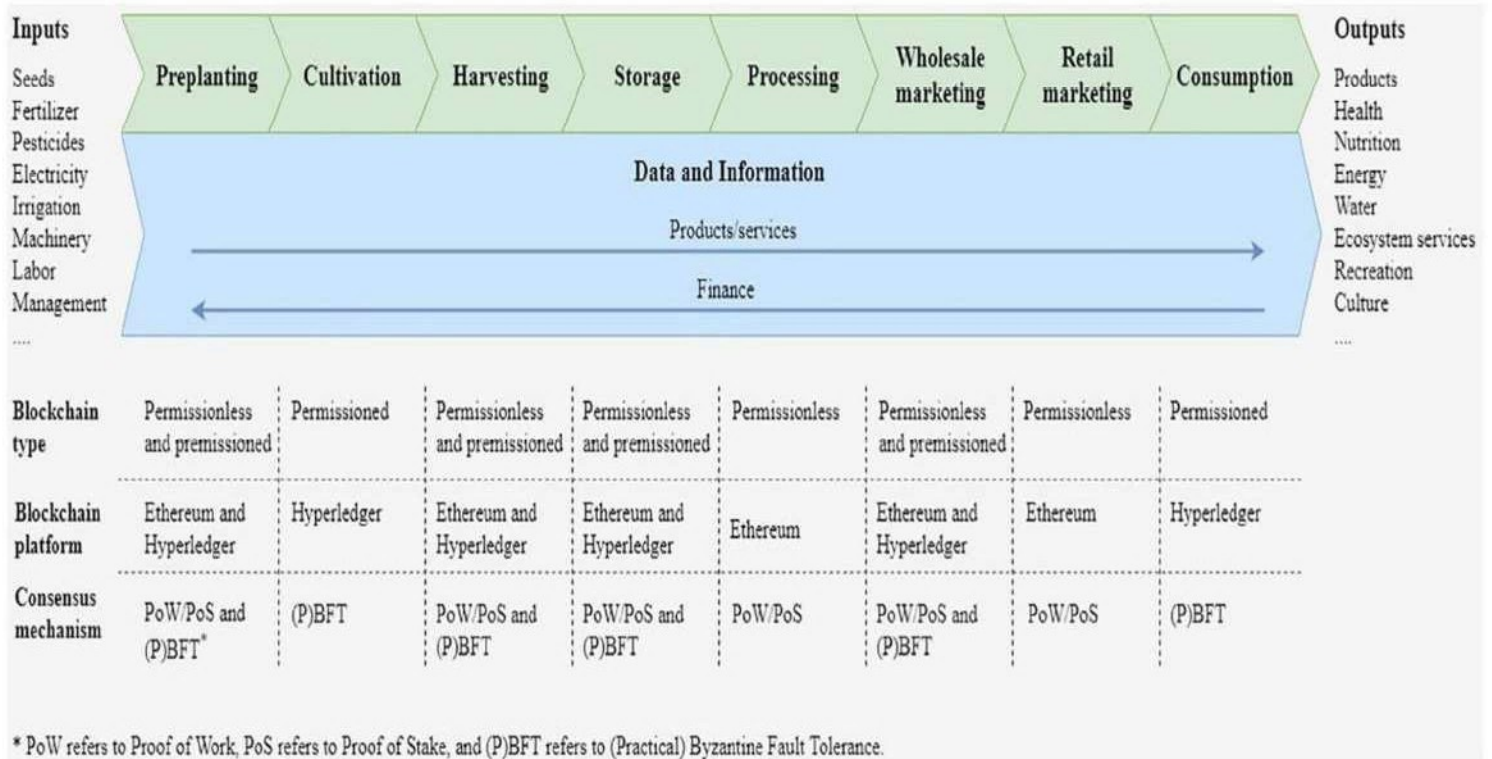# C. MagnetGold Provide Platform For Support and Care In Agro/Organic Agriculture

Potential Blockchain Technology Benefits for Agriculture

The blockchain technology allows peer-to-peer transactions to take place transparently and without the need for an intermediary like a bank (such as for cryptocurrencies) or a middleman in the agriculture sector. By eliminating the need for a central authority, the technology changes the way that trust is granted – instead of trusting an authority, trust is placed in cryptography and peer-to-peer architecture. It thus helps restore the trust between producers and consumers, which can reduce the transaction costs in the agro-food market. The blockchain technology offers a reliable approach of tracing transactions between anonymous participants. Fraud and malfunctions can thus be detected quickly. Moreover, problems can be reported in real-time by incorporating smart contracts. This helps address the challenge of tracking products in the wide-reaching supply chain due to the complexity of the agro-food system. The technology thus provides solutions to issues of food quality and safety, which are highly concerned by consumers, government, etc. The blockchain technology provides transparency among all involved parties and facilitates the collection of reliable data.

Smart Agriculture

Smart agriculture is featured by the utilization of ICT, internet of things (IoT), and various modern data collection and analysis technologies including unmanned aerial vehicles (UAV), sensors and machine learning. A key issue of establishing smart agriculture is developing a comprehensive security system that facilitates the use and management of data. Traditional ways manage data in a centralized fashion and are prone to inaccurate data, data distortion and misuse as well as cyber-attack. For example, environmental monitoring data is generally managed by centralized government entities that have their own interest. They can manipulate the decision-making related to data.

Figure 1. Data and information flow along the food value chain.

Inputs	Preplanting	Cultivation	Harvesting	Storage	Processing	Wholesale marketing	Retail marketing	Consumption	Outputs
Seeds Fertilizer Pesticides Electricity Irrigation Machinery Labor Management				Data and Information / Products/services / Finance					Products Health Nutrition Energy Water Ecosystem services Recreation Culture ....
Blockchain type	Permissionless and premissioned	Permissioned	Permissionless and premissioned	Permissionless and premissioned	Permissionless	Permissionless and premissioned	Permissionless	Permissioned	
Blockchain platform	Ethereum and Hyperledger	Hyperledger	Ethereum and Hyperledger	Ethereum and Hyperledger	Ethereum	Ethereum and Hyperledger	Ethereum	Hyperledger	
Consensus mechanism	PoW/PoS and (P)BFT*	(P)BFT	PoW/PoS and (P)BFT	PoW/PoS and (P)BFT	PoW/PoS	PoW/PoS and (P)BFT	PoW/PoS	(P)BFT	

* PoW refers to Proof of Work, PoS refers to Proof of Stake, and (P)BFT refers to (Practical) Byzantine Fault Tolerance.

The blockchain technology serves to store data and information that various actors and stakeholders generate throughout the entire value-added process, from seed to sale, of producing an agricultural product. It ensures that the data and information are transparent to the involved actors and stakeholders and all recorded data are immutable. Figure 1 shows how what type of blockchain (permissioned or permissionless) used on what kind of platform (Ethereum or Hyperledger) along with which consensus mechanism [Proof of Work/Proof of Stake and (Practical) Byzantine Fault Tolerance] might be suitable to collecting data and information at different stages. The blockchain technology generates security through decentralization rather "security of obscurity" that traditional technologies rely on. Distributing data to stakeholders' computers all is less vulnerable to data loss and distortion than storing data in servers centrally managed by administrators. A blockchain is a database that contains timestamped batches of transactions and activities related to a product. Storing data in servers centrally managed by administrators are more vulnerable to loss and distortion than distributing them to servers on the Internet. The database is incredibly helpful for developing data-driven mobile applications that help optimize farming. Moreover, the blockchain addresses the challenge of creating a comprehensive secure infrastructure for IoT and integrating numerous technologies used in ICT e-agriculture.

Challenges for Agro/Organic Agriculture

International markets The Food and Agriculture Organization of the United Nations estimates the combined global gross production of cereal, crops and livestock to be nearly $4 trillion18 (USD). Moreover, global food exports grew by approximately 45% between 2006 and 201619. With an increasing demand on global supply chains, MTG can link farmers directly with key international markets. MTG will expand from being a primarily-Australian platform into a global end-to-end agricultural trading and logistics solution. MTG intends to expand to other major grain producing regions including North America, South America and Europe, as well as global markets for other agricultural commodities.

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Gross Production Value (USD billion)

Global totals

Cereals	Crops	Livestock
$823	$2544.27	$507.26

Europe

Cereals	Crops	Livestock
103.26	302.89	130.47

Asia

Cereals	Crops	Livestock
536.21	1555.4	222.96

Northern America

Cereals	Crops	Livestock
80.19	215.84	67.65

South America

Cereals	Crops	Livestock
41.24	226.66	45.47

Africa

Cereals	Crops	Livestock
51.28	217.88	21.63

Oceania

Cereals	Crops	Livestock
10.81	25.6	19.08

Poor Data Management

Despite the rapidly expanding adoption of agricultural technologies, post-harvest operations are impaired by systems that only manage a small part of the supply chain. No industry-wide software solution is available to support farmers and key ancillary companies on a single, independent, global platform.

Fragmentation

The lack of a common platform for key agricultural supply chain participants to create, exchange and store information and data has resulted in data fragmentation, with limited interoperability between companies. An alarming number of farmers and logistics providers continue to use basic spreadsheets, paper records and dockets to manage their production, stocks, marketing and general operations.

Information Asymmetry

Although some proprietary applications have been created and distributed by single supply chain participants, data is generally siloed and inaccessible across the industry. A lack of consistent, reliable and retrievable data leads to loss of stock, food contamination, and high administrative overheads. Currently, critical business decisions are made using incomplete or inaccurate data resulting from a fundamental lack of technology solutions.

Lack of Trust And Visibility

Global supply chains are complex systems with high barriers to entry for smaller market participants. This complexity also means that the further agricultural products move along the supply chain, the harder it becomes to follow their path to market.

Risk

Currently, it's largely untenable for local farmers to deal directly with global consumers. Currency exchange risk, contract renegotiations, buyer payment defaults, burdensome documentation, and high administrative overheads force local farmers to rely on multinational intermediaries to export.

Traceability

With growing consumer affluence around the world, paddock-to-plate traceability and full disclosure of the production and supply chain is playing a greater role in consumer purchasing decisions. Increasing demand for single-origin products gives farmers new opportunities to extract maximum value from the quality of their produce. Many producers of agricultural goods (including coffee, wool and meat) are beginning to take advantage of the growing interest in single origin markets. However, consumers are still provided with limited evidence to confirm the origin of their purchases. Transparency Consumers currently have limited knowledge of the chemicals, pesticides and gases used in the production and transportation of food products across the entire supply chain. More consumers worldwide are demanding information as they have the right to know where their food has come from, how it was transported and what practices were used in its production.

Loss and Waste

A key report by The Food and Agricultural Organization of the United Nations found that up to one-third of the food produced for human consumption (1.3 billion tonnes) is lost or wasted each year. In developing economies, this is attributed to financial, managerial and technical constraints in the early stages of the value chain which affects harvesting and storage. Despite severe food shortages, more than 40% of the total food produced in developing economies is also lost . The amount of food lost or wasted in Africa and Latin America could feed 600 million people every year. When food is lost before it reaches the market, farmers are unable to realise the full value of their efforts and the economic development and global competitiveness of agriculture-dependent nations suffers. Currently, lack of access to international markets and technology negatively impacts the livelihood of 470 million smallholder farmers. Global quantitative food losses and waste per year are roughly:

- **30% for cereals**
- **40 to 50% for root crops, fruits and vegetables**
- **20% for oil seeds, meat and dairy**
- **35% for fish.**

Solutions/Support For Agro/Organic Agriculture

MTG supports traditional, well-established agricultural supply chains with a dynamic and seamless software solution. By enabling one-to-one global trade, MTG encourages farmers and their supporting businesses to connect with buyers to develop and grow their own supply chains.

MTG aims to make a positive impact on the global agricultural sector and society as a whole. With the development of blockchain technology, MTG has an innovative digital approach and the required industry knowledge to distribute a greater proportion of value to the farmers and the critical businesses that support them. As more farmers move to home storage and away from bulk handlers, MTG can support the needs of the industry. By harnessing blockchain technology, farmers can sell their product directly from their home storage systems to domestic or international buyers in a safe, low-risk environment. Supported by the expansion of the global produce containerization market, MTG enables farmers to build their own global supply chains and export their commodities directly. MTG helps smaller farmers build networks to form farmer owned cooperatives, which is particularly relevant in developing economies. Coupled with MTG's logistics platform and global marketplace, farmers across the world can enjoy the benefits of direct market access.

MTG connects:

✓ Farmers

✓ Farmer representatives (brokers)

✓ Trucking and logistics companies

✓ Logistics brokers

✓ Buyers of agricultural products

✓ Manufacturers requiring agricultural products (dairies, flour mills, breweries, etc)

✓ Smaller farming cooperatives

✓ Suppliers of agricultural inputs (chemicals, fertilisers, etc)

✓ Importers and exporters of bulk commodities

✓ Customers and end users.

Supply Chain Tracking and Automation

Combining user-friendly native mobile applications for farming and logistics operations with a powerful web application for business administration, MTG provides end-to-end visibility of the agricultural supply chain. MTG enables farmers, brokers and logistics companies to transfer data and automate the delivery process, from the paddock to end user. As each load is picked up and delivered, data is collected and time-stamped at each point along the supply chain. All parties are updated in realtime as each transaction takes place. Through this process, MTG improves productivity, increases visibility, controls stock, automates freight orders and eliminates manual paperwork.

Information and Data Visibility

With MTG, users are empowered to make decisions supported by accurate information and market data. By providing visibility of commodity stocks, users know exactly how much product they hold, where it is going, when it is getting there, and what its value is. At every stage of the supply chain, users can be confident that they have the information required to maximise their bottom-line.

As the end-to-end supply chain can be tracked and managed through a single, industry-wide system, buyers and end users also benefit from improvements to data accuracy and completeness. Should contamination or any other product safety issues occur, affected products can be quickly identified and recalled without disrupting the entire supply chain.

Smart Contracting

MTG provides seamless contract solutions between farmers, brokers, buyers and logistics providers. MTG's aim is to provide the best automated software solution for creating commodity contracts and freight contracts.

The MTG system will enable buyers, sellers and freighters of commodities to interact in a blockchain-backed environment, ensuring both sides of the sale are protected. MTG will create the first global marketplace for buying and selling physical agricultural commodities using blockchain technology.

Record Keeping and Proof of Origin

As commodities move along the supply chain, proof of origin can be established by creating an immutable blockchain record of the journey from paddock to plate. Key supply chain participants as well as supply chain nodes owned and controlled by each of these entities (such as fields, silos, trucks and delivery locations) are recorded at every stage. MTG also records key commodity data including the weights, types, varieties, grades, specifications and inputs. All users get a complete picture of the products they are purchasing, as blockchain allows for a fully transparent and traceable supply chain.

D. Support For New Revolution In E-commerce For Merchant or Community

Talking about the e-commerce industry, in particular, blockchains are a perfect fit as they are designed to store transactional data. The concept of online selling has only become exemplary over the years due to the profound influence of technological innovations. The latest among these is blockchain technology, which is all set to revolutionize the nook and corner of every industry with its immense potential. From eliminating intermediaries to streamlining operations, blockchain has a lot to offer to the e-commerce sector. Before analyzing the various use cases of blockchain for e-commerce, let us first understand the terms blockchain and e-commerce and its benefits -

1. Faster Transactions

As pointed out by Moneta, a payment processing company operating on the Ethereum blockchain, the total fees of traditional payment processing systems which involve about 16 steps can range from 2% to 6%. Considering the numerous parties involved in a transaction, simplifying the transaction process can benefit both the customers and merchants.

As blockchain transactions occur on a single network, the need for intermediaries is eliminated. Transaction speeds are determined by the network speed and the speed at which new blocks are generated.

2. Enhanced Operational Efficiency

Blockchain, with its decentralized model, has the ability to streamline operations and drive efficiency into them. Intermediaries such as payment processing and logistics partners can be regulated through smart contracts. Visualization across supply chains can be greatly improved as it provides a series of recorded, uneditable data. Due to the decentralized database, stores can have complete ownership of their assets such as products, photos, descriptions, videos, reviews, digital storefronts, etc. Consumers can have access to complete information such as the origin, processing, and components of products.

3. Dependable Data Security

A centralized e-commerce store always remains vulnerable as it can easily fall prey to weak encryption. Even systems which are well-encrypted can get encrypted owing to the tricks used by modern hackers these days. In a blockchain system, it is impossible to hack from a single point of entry, thanks to its decentralized ecosystem.

Having **blockchain-based e-commerce** will prevent hackers from breaking into networks and gaining access to sensitive consumer information and databases. This will also ensure that the business complies with data security regulations.

4. Trust And Transparency In Payments

A blockchain system brings in transparency in transactions. This fosters the trust of the buyers. Every transaction is stored in a shared ledger and it cannot be tampered with by anyone. The advantages it offers to an e-commerce system are high security, visibility, faster processing speeds, and traceability. Cryptocurrencies lower transaction costs for international e-commerce stores.

5. Optimized Supply Chain Management

It increases the overall efficiency of the supply chain. Based on the company size and type of the product, the supply chain may involve multiple intermediaries, span across continents, and involve a humongous number of payments and invoices. This makes it highly tedious for e-commerce and retail businesses to attain the required level of transparency for their supply chain processes. Blockchain helps in better storage tracking of product data, thereby allowing any product to be traced throughout its lifecycle such as who made the product, where did it come from, where was it stored, who purchased the product, and who processed the order. Records on order, sales, purchase, inventory, and other information cannot be erased or changed if stored on a blockchain. Blockchain makes a supply chain more transparent, fraud-proof and integrated. This helps save considerable resources.

6. Integration With Business Processes

A blockchain does more than just processing online payments. It has the power to interface with both existing and new systems. From the standpoint of an e-commerce vendor, it means that he can create tie-ins between the online stores and a wide range of processes, partners, and internal and external systems. Blockchain provides a shared ledger which serves everyone such as the online store, external entities, and companies. A blockchain provides a vendor with a wealth of opportunities.

7. Verified Customer Reviews

Today, online reviews are both a curse and a blessing for e-retailers. Buyers turn to reviews before purchasing a product. Positive reviews will contribute to the sales of the product. But sometimes, a few dishonest sellers might publish fake reviews. Competitors might also generate negative reviews which will, in turn, affect the goodwill of their rivals. With a blockchain, product reviews can be verified. This modifies the logic behind creating and publishing reviews. This way, a robust foundation is laid for industry standards which results in a win-win for all the involved parties.

8. Personalized Product Offerings

Blockchain helps capture customer purchasing history. The full control of this information is given to buyers and they are given the privilege of sharing it with the merchants of their choice. With this information, companies will be able to provide customers with products and services which fulfill their preferences. Personalized offers and loyalty programs will help improve sales and enhance customer satisfaction.

Channel Expansion

Blockchains and cryptocurrencies have brought about a wave of decentralization to e-commerce by creating marketplaces where anyone can sell their products and services. Though the transaction volumes on these marketplaces may be pals when compared to the typical e-commerce volumes, these user interfaces help merchants target the cryptocurrency-savvy community and expand their retail channels.

Improved User Experience

An e-commerce system backed by a blockchain eliminates the need for multiple gateway logins while backing purchases with enhanced security. It eases customer concerns and provides visibility, which helps spread adoption.

We will launch an App and Platform of E-commerce for merchants and buyers

E. Establishing A World Class Crypto Exchange

Longreen Corporation Limited and MagnetGold is going to launch a world class crypto exchange by way of solving the current challenges such as-

Risk of Centralization

As the Blockchain market grows and more crypto assets are being introduced, the need to convert and exchange between crypto tokens is ever increasing. The trade volume between, for example, ETH and Bitcoin is

worth hundreds of million of dollars per day on major exchanges. The total trade volume between ETH and other crypto tokens on its network, most of which are less than 2 years-old, is also in the order of millions of dollars. However, despite the decentralized and trustless natures of cryptocurrencies and crypto tokens, most of the trades happening on centralized exchanges are vulnerable to internal fraud and external hacking. This is an ongoing concern and a number of hacking incidents has been reported at various exchanges affecting thousands of users and loss of hundreds of millions of dollars.

Lack of Instant Exchanges

Existing exchanges, including centralized and decentralized ones, often require user to wait for several minutes before allowing them to withdraw their funds.

Problem of Existing Decentralized Exchanges

The quests to build decentralized exchanges have been initiated by several parties on the Ethereum network. Although these parties build decentralized and trustless exchanges.

The Problem of Having Many Digital Assets

As the number of ICOs increases, so does the introduction of new crypto tokens. It is logical to assume that investors will acquire a variety of desired crypto tokens as part of their investment strategy. The convertibility of one crypto token to another represents a new challenge for both investors and operators alike. For example, it may be a challenge for any party to allow an already deployed contract to accept new crypto tokens as a form of payment.

It also introduces more room for implementation bugs and security flaws. As an example, recently, in the DAO Token ICO, there was a major bug that distributed more tokens to SNGLS contributors than to ETH contributors, although they contributed the same amount. Thus, there is a need to simplify the payment procedure for both token holders, merchants and users in the network.

Trustless and Secure

The MagnetGold operator does not hold the tokens of the users. Hence, by design, user's tokens are secured from theft losses. Users need not trust the intentions of the reserve entity and the KNC token holders, as the integrity of the operator is enforced/ensured by the smart contract.

Instant Trade

An exchange or convert request is executed immediately within a single transaction. Users get their exchanged token at the exact moment they transferred their original token. No deposit or confirmation or waiting time is needed. This efficient and user friendly feature distinguishes MagnetGold from most other existing and future exchanges.

On-Chain Exchange

The exchange runs on chain and is accessible for all accounts, including normal accounts and smart contracts. That allows smart contracts to directly interact with the exchange without a third party intervention to receive funds/ payments from different tokens that they do not support originally. This feature enables us MagnetGold to be an on-chain proxy payment platform for all accounts, including normal accounts and smart contracts.

Compatibility

MagnetGold does not require any modification in the underlying protocol of Ethereum and existing smart contracts to function. Our payment API can communicate with existing contracts without any change on their side.

That said, we also introduce a new contract wallet that holds all

user Ether and tokens. The wallet allows the user to pay with token A to a contract that expects token B, where the conversion from A to B is seamlessly done by the MagnetGold. The receiver will receive the payment as if it was sent by the original user.

Comparison to Existing Systems

We compare MagnetGold to existing systems in the table below. We left out Bancor intentionally as they claim (from our private conversation) to be a platform that focus on community tokens, rather than general purpose exchange.

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Applications

Instant and Secure Exchange

First and foremost, MagnetGold is an exchange. Unlike most exchanges, however, MagnetGold performs trade requests instantly. Moreover, MagnetGold does not hold users'tokens, thus any theft or loss of tokens is prevented by design.

This contrasts sharply to most exchanges where confirmation time of several minutes is typically needed. Any malfunction during that period could potentially result in inconvenience or in the worst case scenario, loss of funds.

Generic Payment APIs With Any Token

Conducting an exchange over a smart contract allows user to pay for any service or product with any crypto token they prefer. The contract will provide instant conversion to Ether and securely pay on behalf of the user to any contract he wishes. The figure below describes how a user could participate in an ICO that accepts only Ether with any token. The entire process occurs within a single transaction, and the MagnetGold never has a possession on the user tokens (neither token A nor token B).

Token B

User — Token A → MagnetGold — Ether → ICO
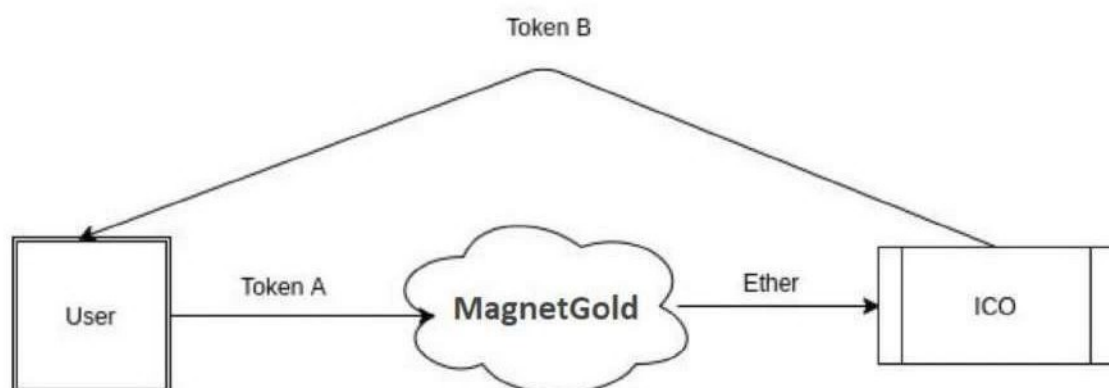
Trusted On-Chain Source for Rate Quotes

MagnetGold exchange rates are visible to other smart contracts. Hence, it enables the implementation of advanced financial instruments such as swap contracts. The quotes provided by MagnetGold are secure as they reflect the real rates which are being used to trade between pairs of tokens.

Mitigate the Risks of Price Fluctuations

Due to the illiquidity of crypto assets, the exchange rates often seem too volatile due to irregular demand and supply. This issue is aggravated further due to lack of parties that are willing to warehouse crypto-assets. The lack of options means now that it is almost impossible for users of crypto assets to hedge themselves for future requirements. The MagnetGold will be addressing this challenge by introducing derivatives in the forms of forwards and options to provide more alternatives to users.

F. MagnetGold Provide Platform for Awareness & Education About Crypto

A growing number of companies have expressed their will to enter the blockchain arena. But after some number of years in which their focus was mainly on the benefits of blockchain in various areas, in terms of speed, costs, streamline operations and increased efficiency, their attention is now turned to the various challenges and bottlenecks that are preventing widespread adoption.

We are regularly spreading awareness about the crypto-currency among the people and new generation so that we can boost the income of the youth and make their life prosperous. In this blog I will go into more detail in these bottlenecks and how the industry is trying to tackle these.

Main Challenges

First of all there is a reputation challenge. Blockchain is still very much connected to the crypto world in the mind of many. And that is seen as a world of bad actors, hackers, frauds and speculators.

But more important are the technical ones such as immaturity (still slow and cumbersome), lack of scalability, lack of interoperability, stand-alone projects, difficult integration with legacy systems, complexity and lack of blockchain talent.

What to think about the organizational challenges at corporates like lack of good governance, lack of awareness and understanding, lack of user experience and education, the attitude of incumbents, or the security and privacy challenges, including lack of regulation. And there is the productivity paradox.

And finally, but not unimportant other challenges such as culture, energy consumption/environmental cost.

Blockchain Has An Image Problem

Blockchain is too much linked with cryptocurrencies in the mind of many. Especially crypto has a negative image that is surrounded by fraudsters, hackers that are using the technology for criminal activities. This bad name is reflecting on the blockchain technology system as whole and is making people seriously think twice before adopting it.

Before the general adoption is possible, members of the public must understand the difference between bitcoins, other crypto-currencies, and blockchain. One should understand that cryptocurrencies are only one application of blockchain technology amongst many others. This will help to eliminate the sometimes negative implications and may result in an increased willingness to use the technology.

In the meantime a growing number of collaborative initiatives in the blockchain world in various industries have come up to bring wider change. This sort of interdependence may be the key to moving forward.

Corporates are afraid of the disruptive character of blockchain

There are organizations that do not like the idea of blockchain and its disruptive character. For some it is a nightmare thinking they will lose market share or will even become obsolete. Blockchain is about 80 per cent business process change and 20 per cent technology implementation. It represents a total shift away from the traditional ways of doing things. This even goes for industries that have already seen significant transformation from digital technologies.

It places trust and authority in a decentralized network rather than in a powerful central institution. And for most, this loss of control can be deeply unsettling.

It is still uncertain who will be most affected by blockchain implementations and which areas of the business are likely to be most disrupted. So, a more 'imaginative' approach is needed to understand opportunities and also how things will change.

Existing regulation represents by far the most significant hurdle for blockchain innovators, as 'existing regulations favor incumbents and their vested interest over disruptors'. The digitization (of information) process is taking place in a so-called regulatory "heavy" zone. That is not that strange given the long-established authority of governments to protect consumer and property rights.

Blockchain presents new challenges to regulators looking to protect consumers and markets, but the rigidity with which regulators in the world's major economies have approached blockchain has served to stifle innovation and growth. But that view is also changing and as soon as also governments and other public organizations are seeing the benefits of this technology and develop a regulatory model that encourages innovation while protecting consumers that might be an eye opener for others.

Lack of Blockchain Developers

While the demand for qualified blockchain staff is increasing dramatically, the blockchain landscape suffers an acute shortage of an adequately trained and skilled /qualified people for developing and managing the complexity of peer-to-peer

networks. Blockchain technology however demands additional qualification and know-how.

According to some, the demand for blockchain-related jobs has increased by almost 2000% between 2017 and 2020. Having a sufficient pool of qualified developers is a top industry concern. Blockchain technology is still in its infancy and is still evolving. It requires time for the developer community to adopt it, and for educational institutions to introduce relevant blockchain-related courses. Though this will alleviate the market demand, the results however will become palpable only after students will finish their training and that will take some time.
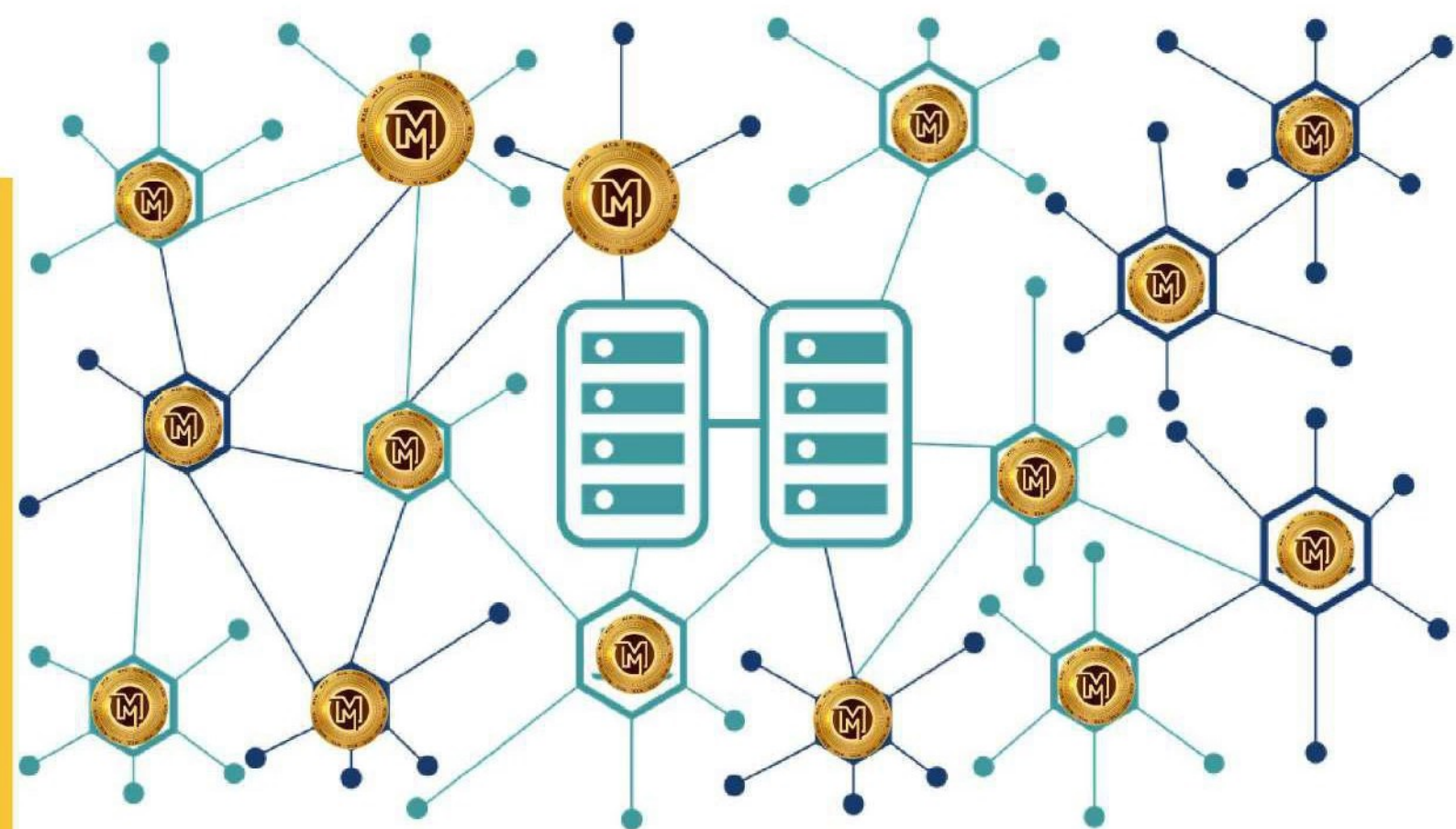
Lack of Awareness And Understanding

The main challenge for corporates associated with blockchain, especially the small and medium ones, is a lack of awareness of the technology and a widespread lack of understanding of how it works. Many companies do not understand what blockchain is or what they can do. This has a lot to do with the dominance of technicians in the blockchain area and their too much technology approach.

This is hampering investment and the exploration of ideas. Instead a much more business oriented approach is very much needed. This asks for improving the user experience for those not as technically minded. Organizations really must educate themselves about this emerging technology. They should increase their level of understanding at all levels. This asks for better educational campaigns to make all this knowledge more accessible.

Security and Privacy Challenges

And what to think about the various security and privacy challenges. While cryptocurrencies offer pseudonymity, many potential applications of the blockchain require smart transactions and contracts to be indisputably linked to known identities, and thus raise important questions about privacy and of the security of the data stored and accessible on the shared ledger.

Many companies nowadays work with privacy rules governed by regulation. Their consumers trust them with sensitive information. But if this information is all stored in a public ledger it won't actually be private anymore. Private or consortia blockchain could work here. You would get

limited access, and all your sensitive information would stay private as it should. Security is another crucial topic here. However, only a handful of scenarios have good protocols that can cope with this. While blockchains are more secure than traditional computer systems, hackers can still breach apps, systems, and businesses built on blockchains.

The solution is not just government protection of privacy. Self-sovereign identities on blockchain will enable us to capture and control our own data. While there is a lot of work on several privacy protocols such as proof of zero knowledge to overcome these obstacles and good identity initiatives are underway (Sovrin), we are still a long way from a radically new identity framework.

Forward Looking

In general, technological advancements take a long time to mature and reach a stable form that can be introduced into the market. Like any technological innovation, blockchain will follow the same, slow trajectory of adoption over the coming years. Although there are many possibilities, it will still take some time to get rid of all the challenges and use it to get all the benefits of it. The list of Blockchain adoption challenges mentioned above clearly underlines the need for technological improvements. And the industry is very busy solving them. If we can fix these and remove the various bottlenecks, things will surely become more comfortable and trigger mass adoption.

MagnetGold also going to provide a best platform app for awareness and skill development, Trust among users usability of crypto and public perceptions.

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G. MagnetGold Support For Real Estate
Challenges & Solutions

1. Lack of Transparency

The Real Estate industry is not open to everyone due to the involvement of various factors like citizenship, cash requirements, accreditation, credit score, etc. Additionally, there is no market database or a concrete way to access the information required for taking the buying and selling decision. This, as a whole, makes the sector unclear and turbid for all.

2. Tedious Paperwork

In traditional Real Estate economy, every transaction involves a stringed set of tedious and time-consuming paperwork. Because of this, many a times real estate companies end up losing their money and potential customers, along with getting distracted from the main goal.

3. Higher Risk of Fraud

Since all the property agreements are in paper form and the trust is based on humans, there's a higher risk of fraud in the Real estate industry. A proof of which is that around **1.48B records were found vulnerable** between 1st Jan, 2005 and 31st May, 2019.

Another indication is that California, the state with 12% of the total U.S. population, **creates 24% of all reported mortgage fraud cases.**

4. Expensive Investment

Due to the involvement of a wider number of intermediaries, various fees like broker fees, attorney fees, exchange fees, taxes, etc. are added to the Real estate cost, which ultimately makes real estate investments expensive.

5. Large Number of Intermediaries

Another problem associated with the traditional Real Estate economy is that trust is based on human factors. Any two parties have to involve third-parties at different levels to build trust in the process. This is again one of the challenges in real estate solved by blockchain.

6. Poor Transaction Speed

Last but not least, real estate processes suffer from poor transaction speed due to the involvement of multiple people. As per a **Chinese global travel survey**, 44% of travelers fix an appointment with real estate agents before going abroad. Also, 74% among them meet two or more experts to be sure of their decision to purchase property in the city they're traveling to.

Blockchain technology, with its incredible features, are entering different areas and processes of the real estate industry and solving these problems. Before we talk about the benefits of blockchain in different areas of real estate, let's have a quick recap of the **basics of Blockchain** – how does it work and the features it comes with.

Platforms and Marketplaces

Real estate technology has traditionally been primarily concerned with listings and with connecting buyers and sellers. However, blockchain introduces new ways to trade real estate and can enable trading platforms and online marketplaces to support real estate transactions more comprehensively. For example, MTG will developed a platform that uses blockchain technology to facilitate real estate and rental property transactions. By tokenizing real property, assets can then be traded much like stocks on an exchange and transactions can be done online.

MTG will allow sellers to tokenize assets, essentially handling it like a stock sale, and liquidating that asset through a token sale using the platform. The collected tokens can be exchanged for fiat currency, with buyers owning a percentage stake of the property.

No Intermediaries

Brokers, lawyers, and banks have long been part of the real estate ecosystem. However, blockchain may soon usher in a shift in their roles and participation in real estate transactions, according to a report by Deloitte.[1] New platforms can eventually assume functions such as listings, payments, and legal documentation. Cutting out the intermediaries will result in buyers and sellers getting more out of their money as they save on commissions and fees charged by these intermediaries. This also makes the process much quicker as the back-and-forth between these middlemen gets cut.

Key Takeaways

➤ Blockchain technology has impacted the real estate industry in a variety of ways, including offering a new means for buyers and sellers to connect with one another.

➤ Blockchain could be used to cut intermediaries out of the real estate transaction process, thereby reducing costs.

➤ This technology could also help to codify the practice of fractional ownership of real estate.

Liquidity

Real estate has long been considered an illiquid asset since it takes time for sales to conclude. This isn't the case with cryptocurrencies and tokens since they can, in theory, be readily traded for fiat currencies through exchanges. However, as tokens, real estate can be readily traded. A seller doesn't have to wait for a buyer who can afford the whole property in order to get some value out of their property.

Fractional Ownership

By allowing fractional ownership, blockchain also lowers the barriers to real estate investing. Typically, investments would require significant money upfront in order to acquire property. Alternatively, investors with could also pool their

money to acquire bigger ticket properties. Through blockchain, investors would simply have to access a trading app to buy and sell even fractions of tokens as they see fit. In addition, fractional ownership would also help them avoid managing the properties themselves such as maintenance and leasing.

Upkeep alone can add up to significant costs and dealing with tenants may be a troublesome effort. This also affects related activities such as lending where property owners often have to put their properties as collateral for loans in order to get quick access to cash. Depending on the terms, property owners may also continue enjoying use of their property.

Decentralization

Blockchain commands trust and security as a decentralized technology. Information stored in the blockchain is accessible to all peers on the network, making data transparent and immutable. One only has to go back to the housing bubble crash in 2008 to see how greed and the lack of transparency in the part of institutions can have catastrophic consequences. A decentralized exchange has trust built into the system. Since information can be verifiable to peers, buyers and sellers can have more confidence in conducting transactions. Fraud attempts would also be lessened. Smart contracts are increasingly becoming admissible records with Vermont and Arizona passing such legislation. As such, smart contracts would have more enforceability beyond the technology itself.

Costs

The transparency associated with a decentralized network can also trim down costs associated with real estate transactions. Beyond the savings made by cutting out intermediaries' professional fees and commissions, there are other costs such as inspections costs, registration fees, loan fees, and taxes associated with real estate. These costs even vary depending on the territory that has jurisdiction. Like intermediaries, these can be reduced or even eliminated from the equation as platforms automate these processes and make them part of the system.

Global real estate is worth hundreds of trillions of dollars, but is dominated by the wealthy and large corporations. Through blockchain technology, it is possible that more people will be able to access the market where transactions can be made more transparent, secure, and equitable. Real estate transactions may eventually become truly peer-to-peer activities with blockchain-powered platforms doing most of the work.

We Attempts For More

As a progressive group we are committed to do more and more tremendous work, so we can enter into much more businesses and DeFi sectors such as-

MAGNETGold Token Pay

Similar to payment providers like Bitpay or Paypal, MAGNETGold Token Pay aids in the settlement of payments for online stores andlocal businesses that are able to accept multiple cryptocurrencies through MAGNETGold Token Pay. The payment service provider allows the integration of payment options into online shops, but also within physical shops. Payments can be confirmed in the shortest possible time, so as not to interrupt the flow of sales

A customizable point of sale (POS) is provided, to enable customers to pay in their familiar environment. In a Multi-Merchant instance, the payment service can be used to manage as many merchants as needed, in the system. In doing so, merchants who use the payment service as a payment basis can calculate a percentage of the turnover, but also fixed monthly amounts. Sales are automatically settled with the merchants.

MAGNETGOLD Parabanking Sectors

MAGNETGold Token Bank will be a fully licensed bank, offering bank accounts and payment options to MAGNETGOLD TOKEN clients. Users can open a bank account, as with the traditional banking sector and hold, move and withdraw currencies. This account will have integrated crypto and fiat options where all holdings (crypto and fiat) can be stored in one place. MAGNETGold Token Bank will be linked to all other MAGNETGold Token products such as the MAGNETGold Token Exchange, MAGNETGold Token Pay, MAGNETGold Token Wallet und the MAGNETGold Token EURO Stable coin. The mission of MAGNETGold Token bank is the merging of both worlds, the accessing of cryptocurrencies through ones bank and making instant converts between cryptocurrencies. The banking identity will offer accounts to individuals and corporations for traditional banking services such as current and saving accounts. Customers will pay fees for opening, account management, wire transfers (incoming and outgoing) and premium services. The premium services will be offered to high nett worth accounts, it will include but not limited to private broker and private banking services. MAGNETGold Token Bank will generate fees which will result in profit share and dividends for the MTG token holders.

MAGNETGold Token Wallet

The MAGNETGold Token Wallet will be native wallet for desktop and mobile Users. Developed for Windows, Mac and Linux Platforms, the wallet will be coded in c++ and has integrated the latest usability design and features. Users can store all their crypto assets on an open source MAGNETGold Token wallet, where only the user has access to the private key. With the mission of merging the crypto industry with the traditional banking industry, the MAGNETGold Token wallet will be linked to the MAGNETGold Token bank account.

MAGNETGold Entertainment & NEWS Services

The MAGNETGold Token crypto Entertainment & NEWS services will offer users the latest updates on the crypto world, potential crypto investment opportunities, trading advice and daily price updates on the top 10 coins on the market. An interactive Youtube channel was created in an integrated MAGNETGold Token brand design, producing professional video content in order to educate the broad community on the Cryptocurrency Industry.

We will also going to provide blockchain based OTT platform for Entertainment.

In future we are planning our own blockchain and browser.

We are planning many more things for more prosperity of world through MagnetGold and Blockchain Technology.

SWOT Analysis

Strengths

1. Experience in the crypto market
2. Innovative product ideas
3. International team
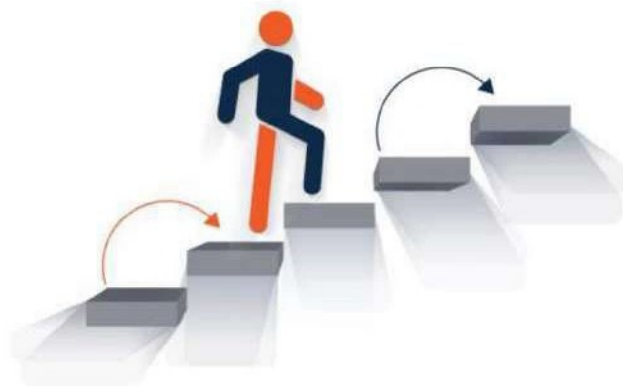4. No use of fake volume

Weaknesses

1. Start-up company
2. Rising amount of competitors

Opportunities

1. Growing industry
2. Emerging markets
3. Cryptocurrency payment method
4. Cryptocurrency is becoming a backing possibility (Stable coin)
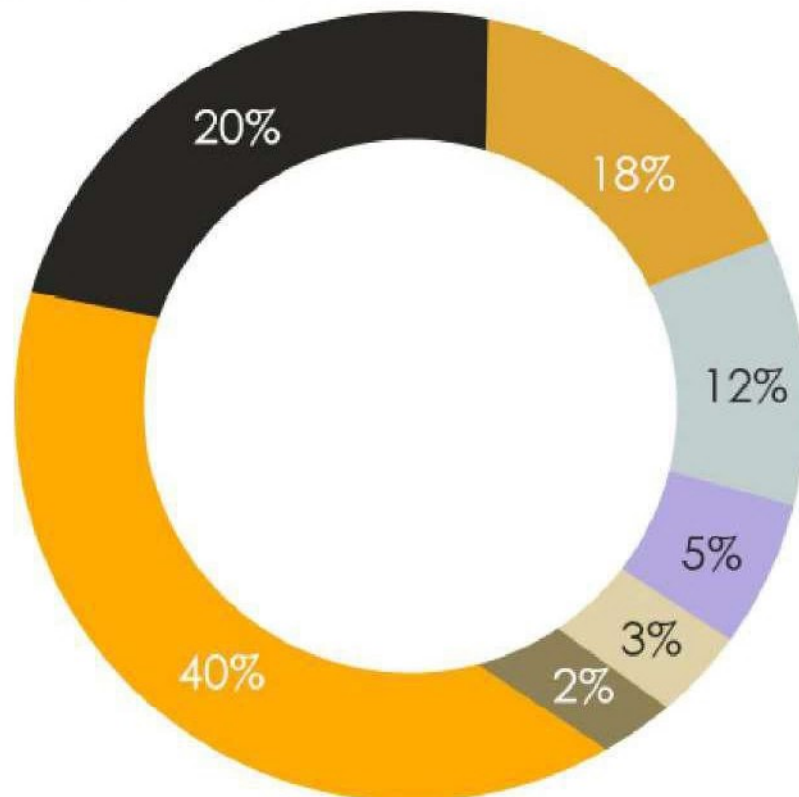
Threats

1. Volatile cryptocurrency environment
2. Negative outcome of legal regulations

Token Economic

Structure & Phases Of MagnetGold Token

- ❖ Open Market - 40%

- ❖ Founders - 20%

- ❖ Partners - 18%

- ❖ Reward & Incentive for Research& Development - 12%

- ❖ Referal & Bounty - 5%

- ❖ Advisors - 3%

- ❖ Legal - 2%

- ❖ Purchase Method : BTC/ETH/USDT/BNB

20%   18%   12%   5%   3%   2%   40%

Fund Utilization

Use of Funds

All funds contributed in the open sale call will be used solely for the development, promotion and the growth of the MagnetGold Token. Below are the preliminary allocation and the distribution. And may be subject to change.

• Administration And Operations (10%)

Used to cover administrative and operational costs. These include office rent, insurance, legal costs, office supplies and professional fees.

• Research, Product Development And Marketing (40%)

30% of the funds raised will be dedicated to research and product development. This budget is key to building a robust computing platform powered by the MTG token. Research and product development activities include but are not limited to: compute workload research, smart contract development, platform development, API development, MTG marketplace development, MTG client development, testing/QA, bug fixes, deployment, release management, hardware optimization and website development. To create awareness of the token and the ecosystem to help its adoption and continued growth, MTG will spend the funds raised on marketing activities such as social media impact, marketing campaigns and PR. This budget is essential in order to keep the community up to date with the latest platform developments, as well as to create awareness and educate about MTG' objectives and milestones.

.Node Validators, User Acquisition, Community Engagement, Business Model, Contingency (50%)

MTG will spend funds to ensure that all node validators are rewarded for the contributions to the network. This budget is necessary to reach maturity of the overall ecosystem without any need to compromise the balance and adoption of the platform and also MTG will spend funds to grow the user base on both the supply and demand side, also for user acquisition activities such as marketing campaigns, referral programmer, advertising, PR and partner development. This budget is necessary to create a network effect to increase the value provided to suppliers and other participants of the network and community engagement is crucial to the success of token-based platforms. CUDOS will appoint dedicated community managers to educate.

Magnet**Gold** Team & Advisor

Executive Board

Mr. Arun Kumar
Chairman Cum Managing Director

Mr. Ajay Kumar Sharma
Managing Director

Mr. Gyaneshwar Sharma
Senior Director

Mr. Arvind Kumar
Executive Director

Mr. Abhay Kumar
Executive Director

Mr. Nagendra Yadav
Executive Director

Team / Consultant / Advisor

Noel Massey
Technical Director

Deepika Singh
Chief Technical Officer

Abhishek Singh
Technical Officer

Sandhya Tiwari
Sr. Web Designer

Drupad Brahm Chandel
Compliance Manager

Anit Goel
Hardware Architect

Padmesh Pratap Singh
Social Media Manager

Durgesh Kumar
Chief Revenue Officer

Amit Kumar Singh
Marketing Manager

Pallavi Gupta
Customer Relationship

Preety Dwivedi
Graphic Designer

Manoj Kumar Sahu
Marketing Specialist

Rupesh Kumar Akela
Advisor

Prahlad Rai
Advisor

Niranjan Kumar Singh
Advisor

Road**Map**

● First Phase

* Contract Deployment and Audit
* Website and Social Media Release
* Bounty Model Launch
* Pan-Cake Swap Launch
* Launch on Crypto Exchanges
* Included by Coin Marketcap
* Included by Coingecko
* Launching Marketing Campaign

● Second Phase

* Listing on Multiple Exchanges and going for Partnerships and fund
  raising programs.
* App and platform Launch for Startups
* App and platform Launch for Agro/Organic Agriculture
* App & academic course launch for mass training and awareness
  about blockchain, crypto-currency and trading on exchange
* Listing on Coin Codex
* Listing on Coin Paprika
* Staking Pool Programs Launching world wide

● Third Phase

* Launch Own World Class Crypto Exchange
* launching of App and Platform of E-commerce For merchants and buyers
* Decentralized E-Vehicle Management and green energy platform and App Launch
* Market Place, Awareness App Launch for Real Estate
* Launching of mass marketing, referral and awareness program
* Exclusive Mobile App Launch for Holders
* Binance Smart Chain (BEP-20) personal wallet launch.
* Longreen Corporation Will Launch a Gaming Website by Use of MTG Coins in Games
* Setup an office in Dubai for worldwide operations.

MagnetGold
The DeFi power in your hand

Conclusion

A cryptocurrency is more than the sum of its protocols, source code and utility. It is ultimately a social system that inspires, enables and connects people. Frustrated by the many half measures, failures and broken promises of past protocols, we set out to build something better. This process is not simple nor have we ever believed it can finish. Social protocols continue indefinitely changing as people and society change. To be useful, we want to trap the power of evolution and port it into MagnetGold.

Evolution is not guided by a single hand or a grand design. It is a process of serendipity inspired by endless mistakes and problems. MagnetGold seeks to be the digital embodiment of this process — fit enough to be able to survive the markets of today and adaptive enough to evolve to meet the needs of the future.

The previous sections capture a brief view into how we have been approaching this goal. We have diligently tried to recognize cognitive biases, learn from history and follow a rigorous process. We have tried to balance the need for rapid development with formal methods that traditionally cannot move quickly.

It has been an extraordinary privilege to embark on this journey. MagnetGold is a pragmatic dreamer that learns from its elders, is a good citizen in its community, and always finds a way to pay its bills.

Our Presence & Contact

Contract Address:

https://bscscan.com/address/0x68d10dfe87a838d63bbef6c9a0d0b44beb799dc1

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Disclamer

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